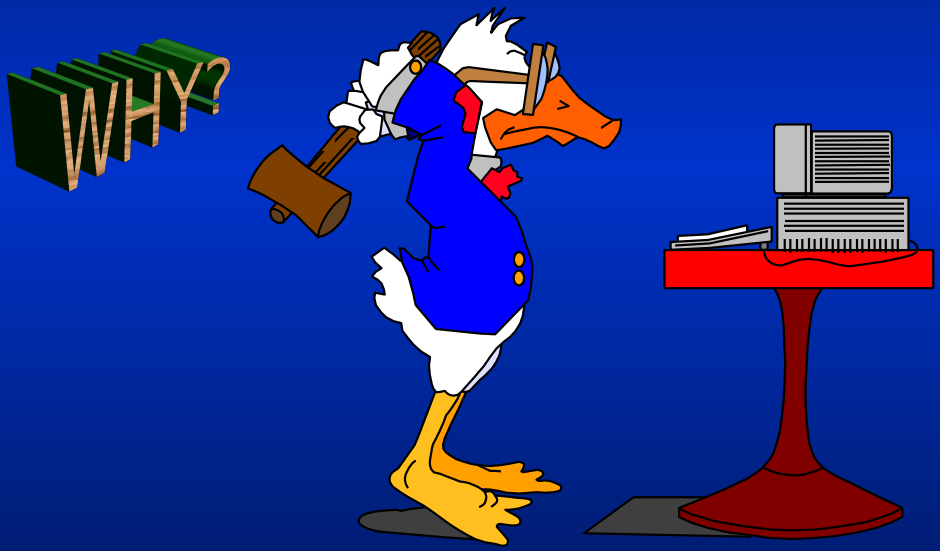
Impromptu / PowerPlay



DCMC's Automated Systems

(Accessible by Cognos Tools)

Through Databases (requires database access):

1. Performance Labor and Accounting System (PLAS). *
2. Shared Data Warehouse.*
3. Any Local Databases.

Through DIRAMS (requires DIRAMS access only):

1. DIRAMS (formally Automated Metrics System (AMS)).
2. Mechanization of Contract Administrative Services (M
3. ALERTS.
4. Defense Contract Admin. Reimb. Reporting Sys. (DCAR
5. 16 Total Databases (identified during module 1 of Imp training).

* Various reports are contained in the programs

The Cognos Suite

- Consists of four programs:
  - Impromptu
  - Transformer
  - PowerPlay
  - Portfolio
- Commercial “Off-The-Shelf” program.
- User friendly (compared to SPECTRA).
- Runs in a 32 bit environment.
- Windows based.
- Web based applications available for Impromptu and PowerPlay.

Program Descriptions

Impromptu

Business driven, interactive query and report building

Transformer

Transforms two dimensional data into a multi-dimensi application.

PowerPlay

Allows multi-dimensional analysis of the reported dat

Portfolio

Displays data (briefing books). Used by SDW and DC and Unit Cost (Tool Box).

Impromptu vs. PowerPlay

Impromptu (client version)

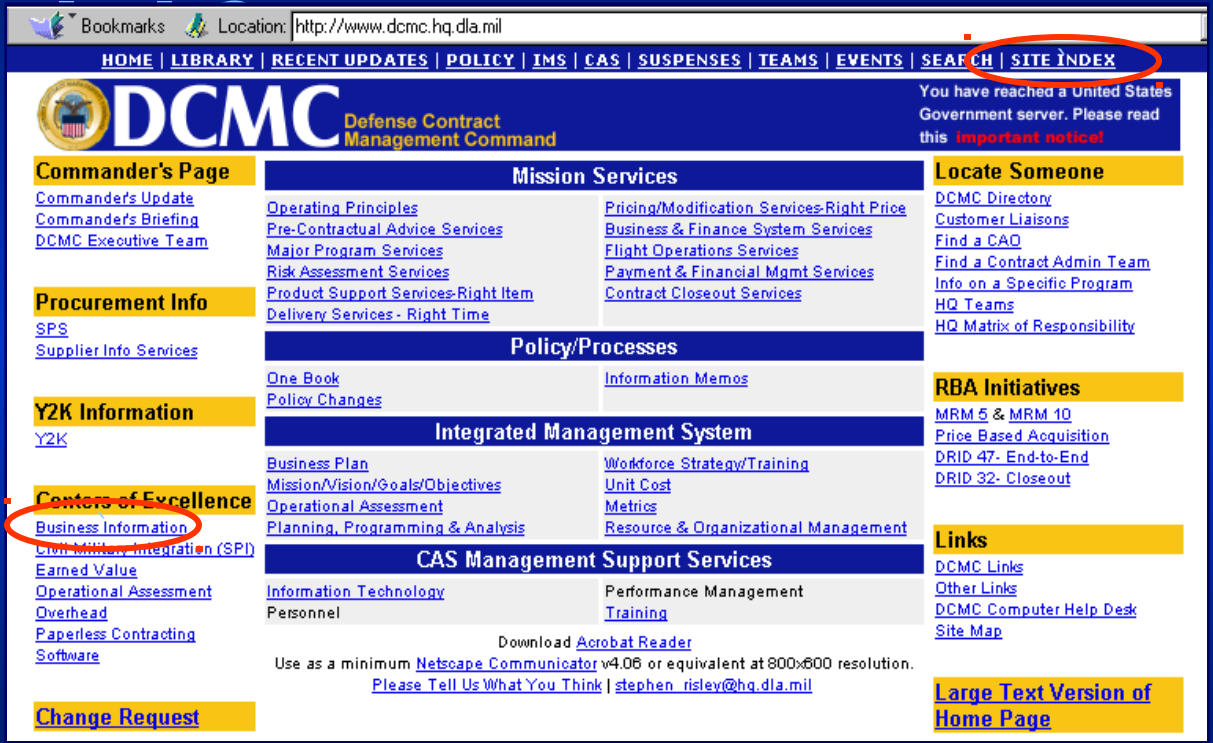
- Used for data reporting and charting (Quick “numb
- Extracts data “real time”.
- One time report generation.
- Data refreshed on the server by the applicable pro
- Contains NO historical data, or trends if not mainta the database.

PowerPlay (client version)

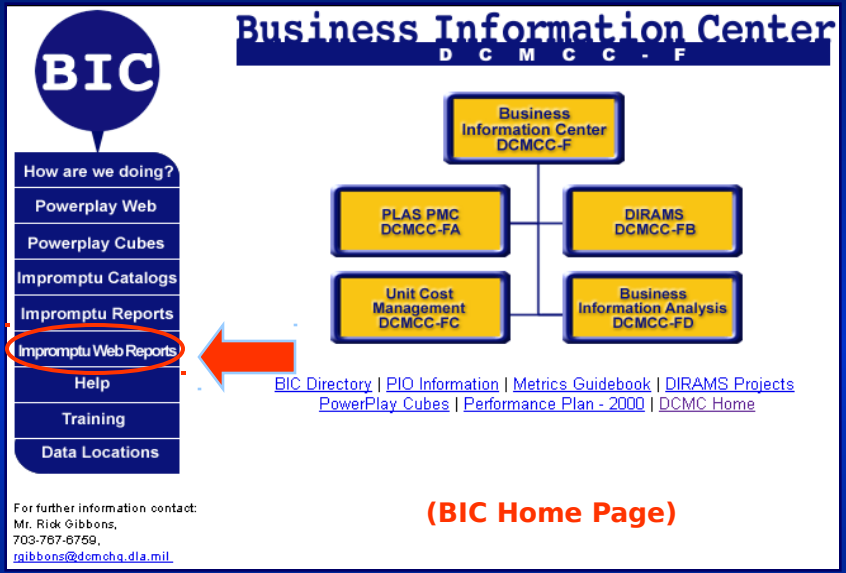
- Used for data reporting, charting and analysis.
- Can contains historical data for trends and analysis
- In-depth, multidimensional analysis of the numbers
- One time report generation (data must be refreshe
- Power cubes must be downloaded to update.

Impromptu Web

Impromptu Web, Where



Impromptu Web

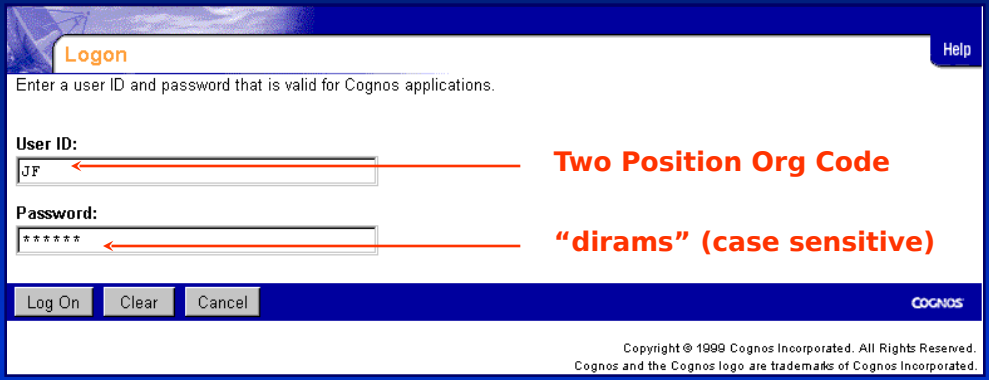


(BIC Home Page)

(Site Index)

Or

Impromptu Web



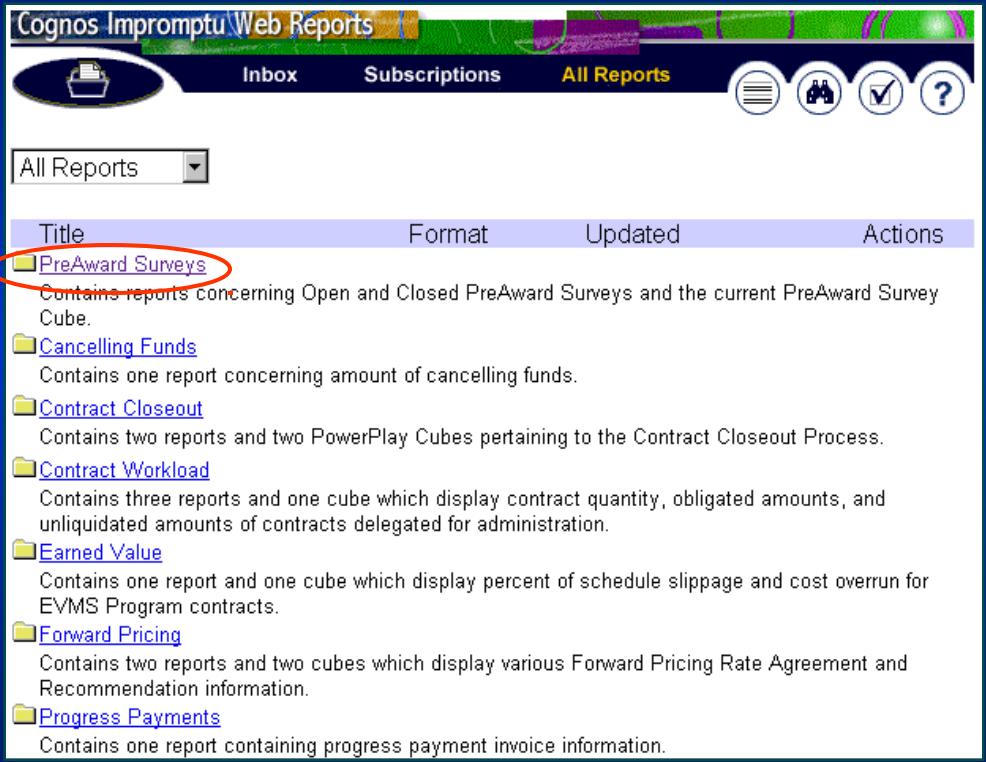
Two Position Org Code

"dirams" (case sensitive)

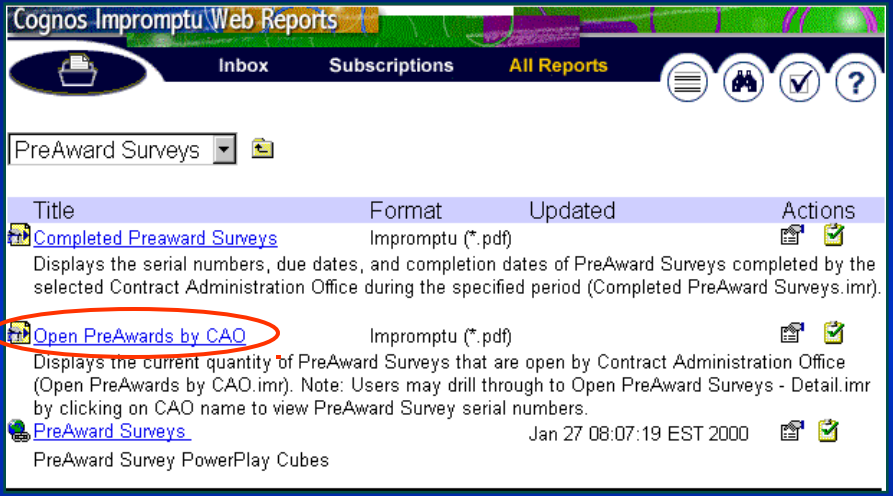
From the BIC Home Page

From the Site Index

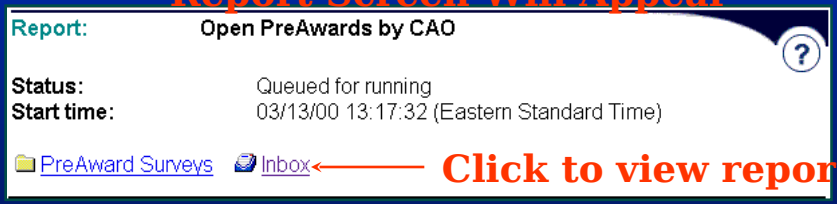
Impromptu Web



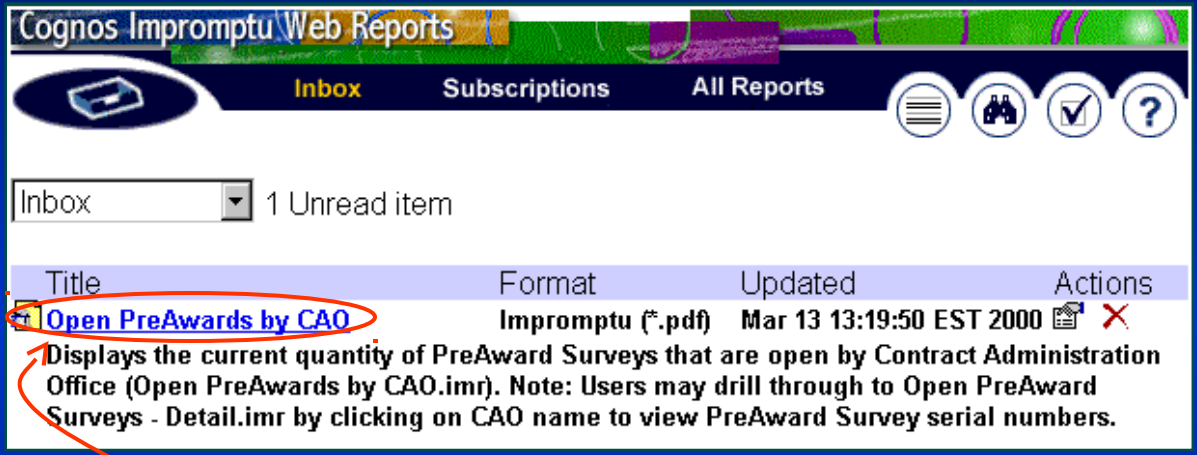
Impromptu Web



Report Screen Will Appear

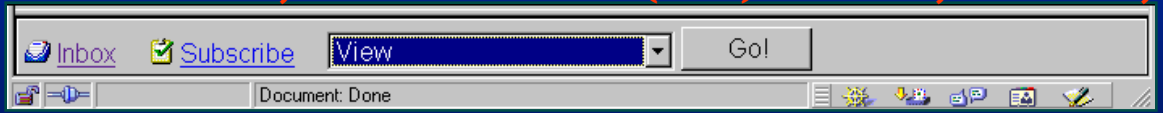


Impromptu Web



The report shows up in the Inbox

Select View, View in Excel (.xls) format, or Save, an



Impromptu Web

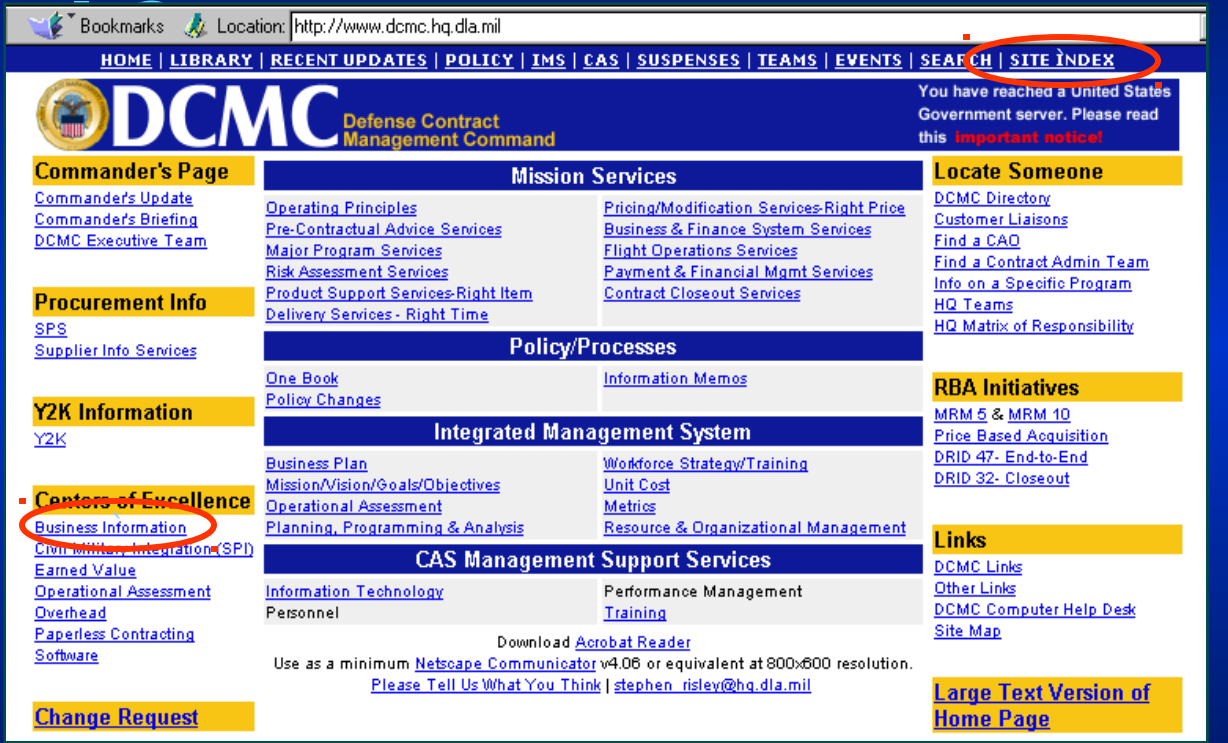
Formal PreAward Surveys
Quantity Open
As of: **Date: 3/13/00**

(Click on Org Name to View Formal PAS Serial Numbers)

Org Name	Quantity Open
DCMC PACIFIC KUALA LUMPUR	0
DCMC APMO GA	0
DCMC ATLANTA	6
DCMC BALTIMORE	2
DCMC BALTIMORE MANASSAS	0
DCMC BALTIMORE NORFOLK	0
DCMC BIRMINGHAM	2
DCMC BOSTON	1
DCMC CHICAGO	3
DCMC CLEVELAND	0
DCMC DALLAS	0
DCMC DAYTON	11
DCMC DENVER	1
DCMC DETROIT	2
DCMC HARTFORD	0
DCMC HARTFORD GD ARMT SYS	0
DCMC HARTFORD PITTSFIELD GD DEF SYS	0
DCMC HARTFORD STRATFORD	0
DCMC INDIANAPOLIS	2

PowerPlay Web

PowerPlay Web, Where Is



PowerPlay Web, Where Is It?

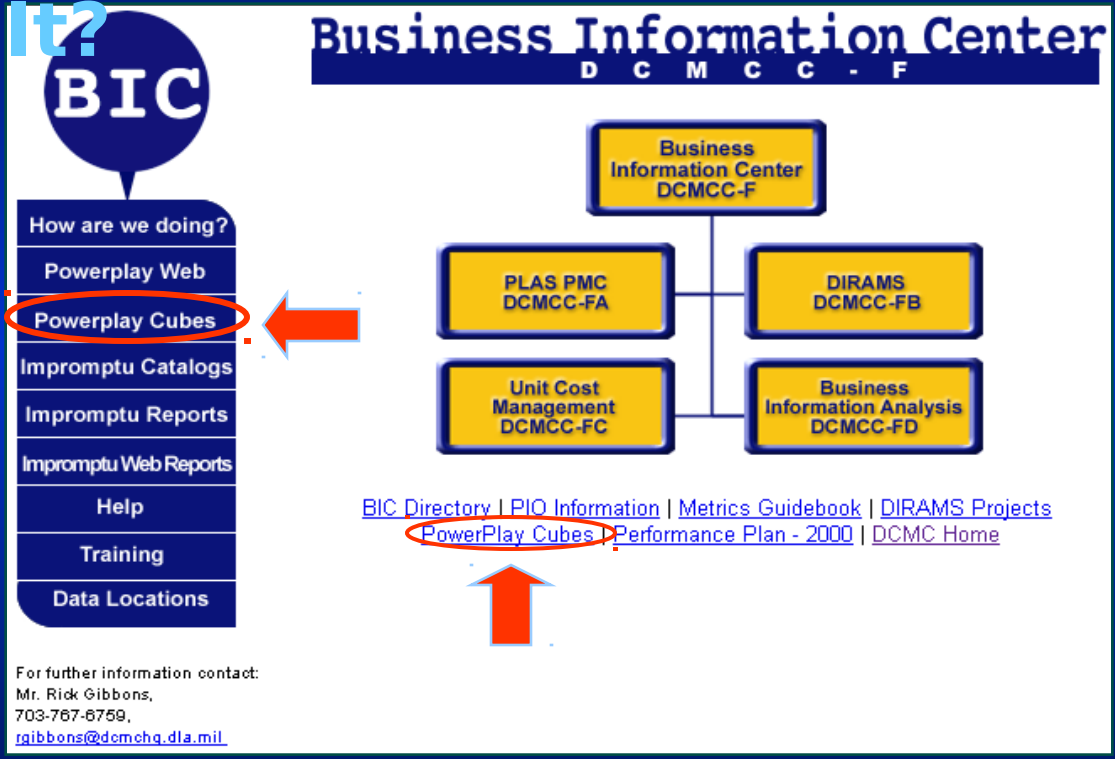


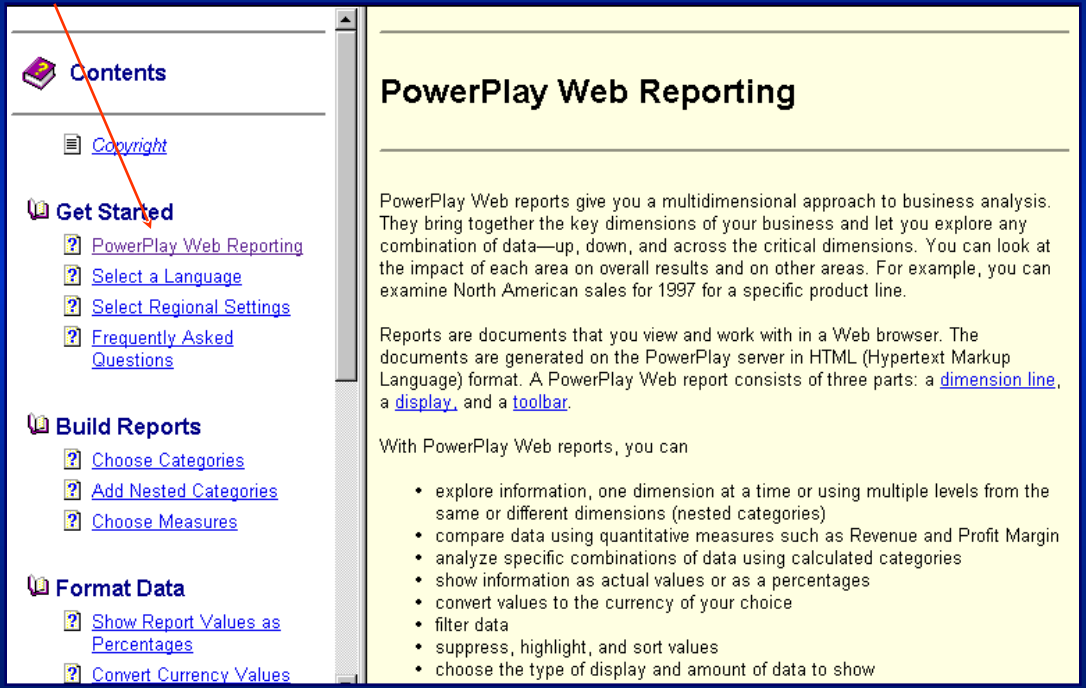
Table of Contents

- Active Contracts (Section 1) by $ Range (As of 3/3/00 - dollar_range.mdc)
- Closed Contracts (As of 3/7/00 - closed8.mdc)
- Contract Closeout (As of 3/2/00 - closeout.mdc)
- Contract Workload (As of 1/5/00 - load1299.mdc)
- DCMC Workforce (As of 1QFY00 - dcmcpeop.mdc)
- Early CAS (As of 3/1/00 - earlycas.mdc)
- Earned Value (As of 3/1/00 - earnedva.mdc)
- ECP Processing/Disposition Cycle Time (As of 3/2/00 - ecpcycle.mdc)
- Estimating Systems (As of 3/1/00 - estimati.mdc)
- Facilities (As of 1QFY00 - facilities.mdc)
- Federal CAS Delegations (As of 3/1/00 - fedcas.mdc)
- Forward Pricing (All) (As of 31/00 - fpraams.mdc)
- Forward Pricing (ACAT) (As of 3/1/00) - newfpra.mdc)

(Not a complete list)

PowerPlay Web Help

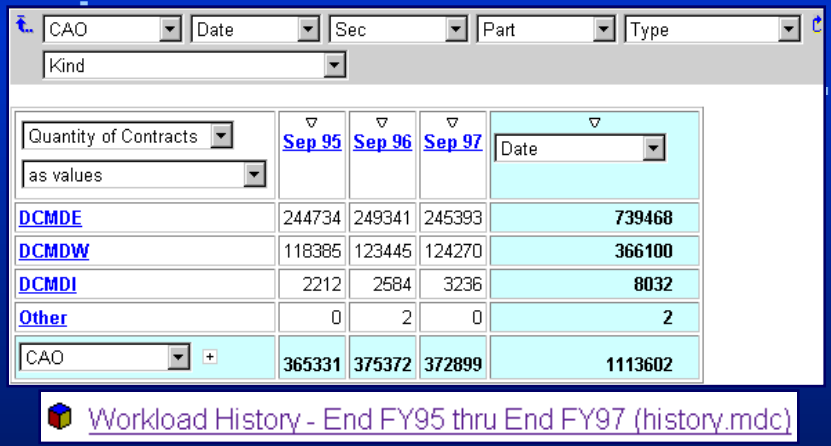
Contents



What is a PowerPlay Web Report?

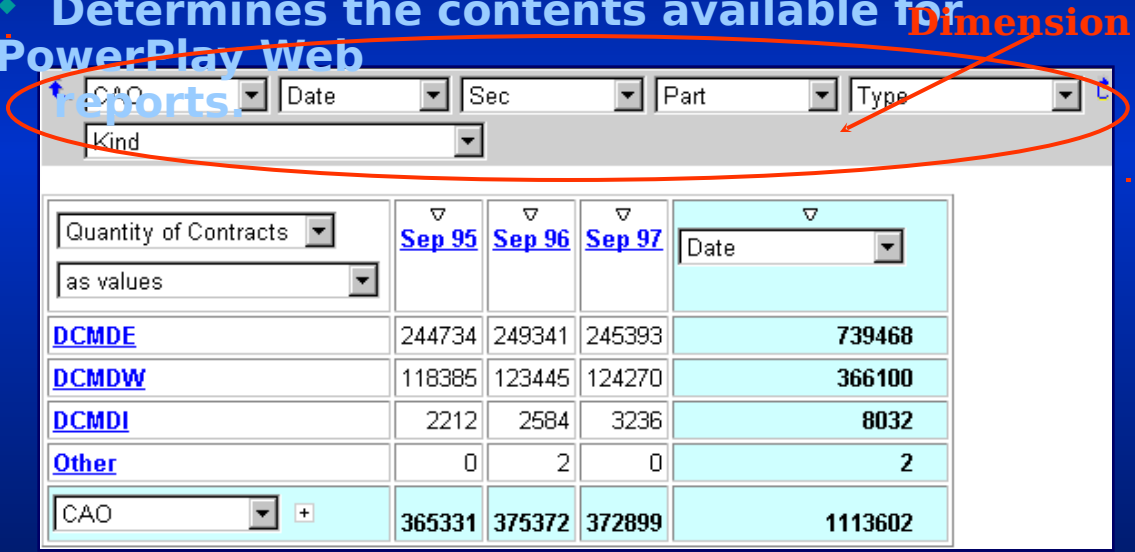
- You can explore and analyze your data in a cube
  via an HTML page on the Web.

- The default display contains:
  - The first two dimensions in the rows
    and
  -



PowerPlay Web Dimension Line

- Displays all the available dimensions and measures.
- Determines the contents available for PowerPlay Web reports.



The Toolbar

- The PowerPlay Web toolbar provides most of the functionality to manipulate the report

Crosstab Display

Stacked Bar Display

Swap Rows and Columns

Saves to a .CSV Format

Indented Crosstab Display

Multiline Display

Exception Highlighting

Drill Through

Pie Display

Fit to Page

80/20 Display

Help

Single Bar Display

200

Rows Per Page

Suppress Zeros

Return to Source

Clustered Bar Display

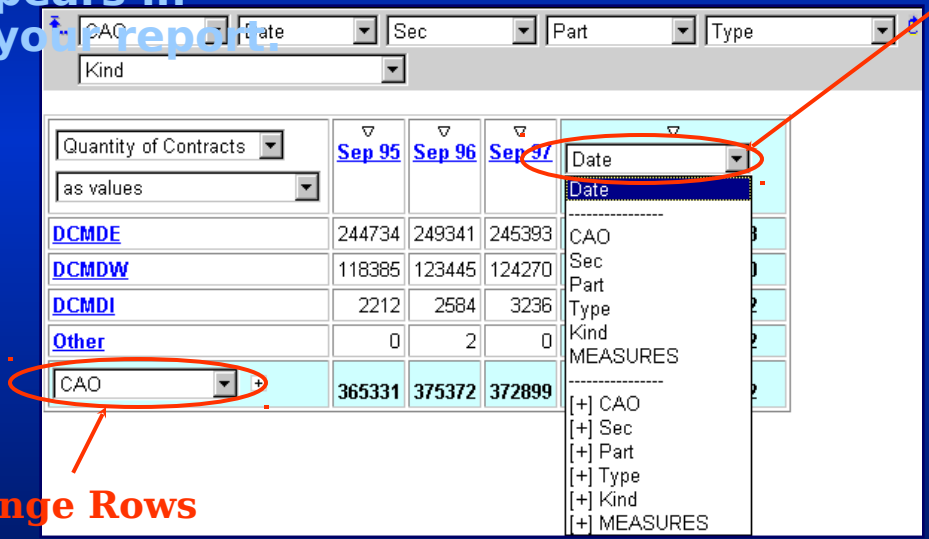
50

Columns Per Page

Prepare a Bookmark

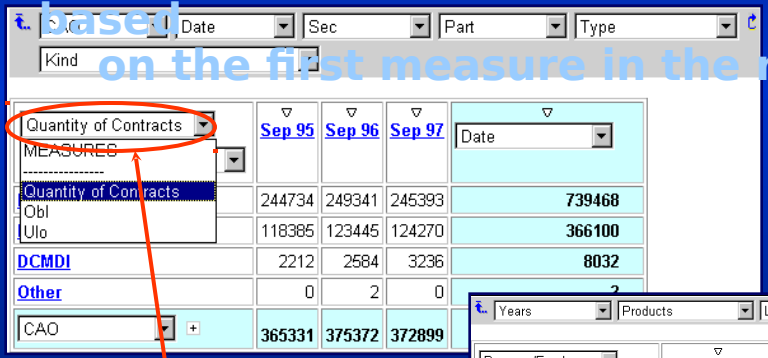
Changing Columns and Rows

- Using the Change Columns and Change Rows drop down lists, you can chose what data appears in your report.



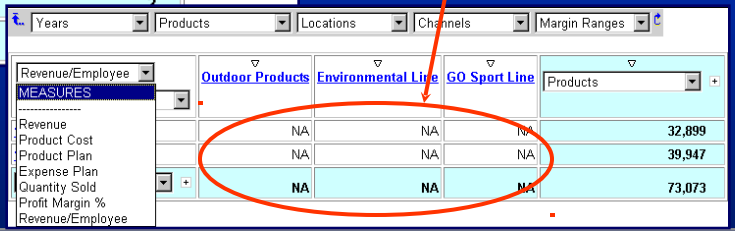
Changing Measures

- Use the Change Measure drop down list to change the report.
- By default, the values in a new report are based on the first measure in the measures list.



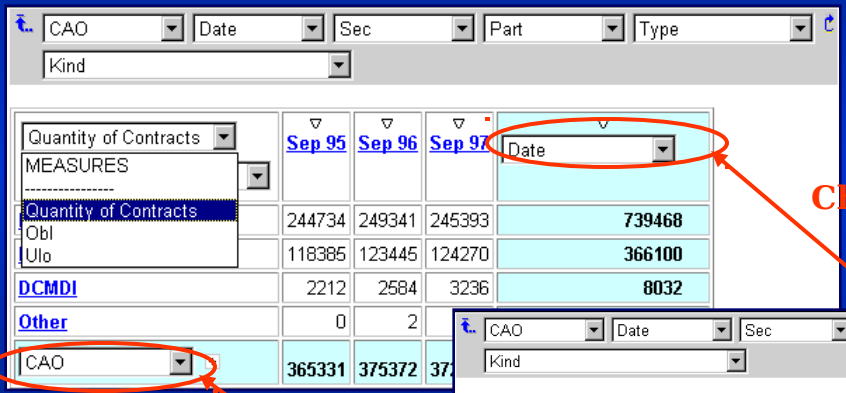
Change Measure
(Default = first measure)

If the measure does not apply, N/A will be displayed



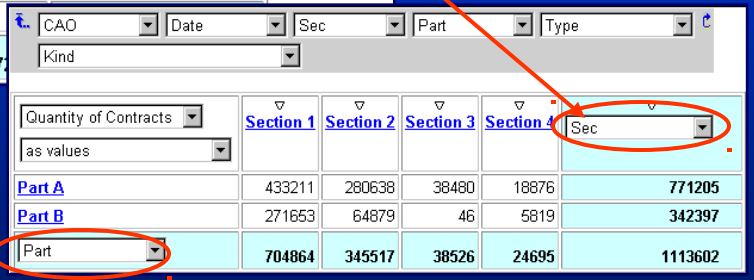
Slice and Dice

- Lets you change and arrange dimensions in a re
- Provides a different perspective on your data.



Change columns from Date to Sections

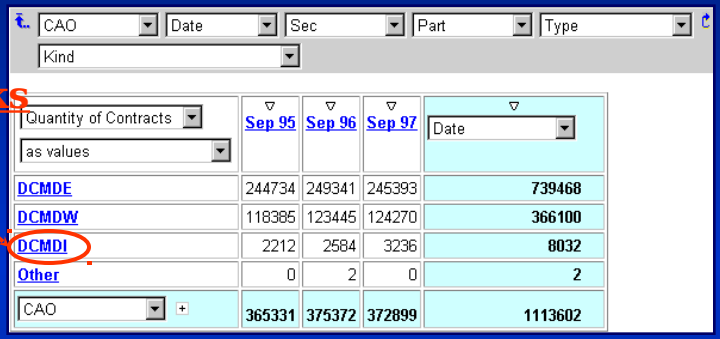
Change rows from CAO's to Parts



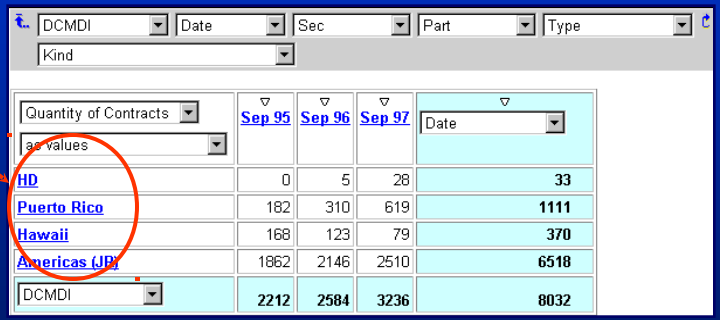
Drilling Down

- Use hyperlinks to drill down on your data.

Hyperlinks

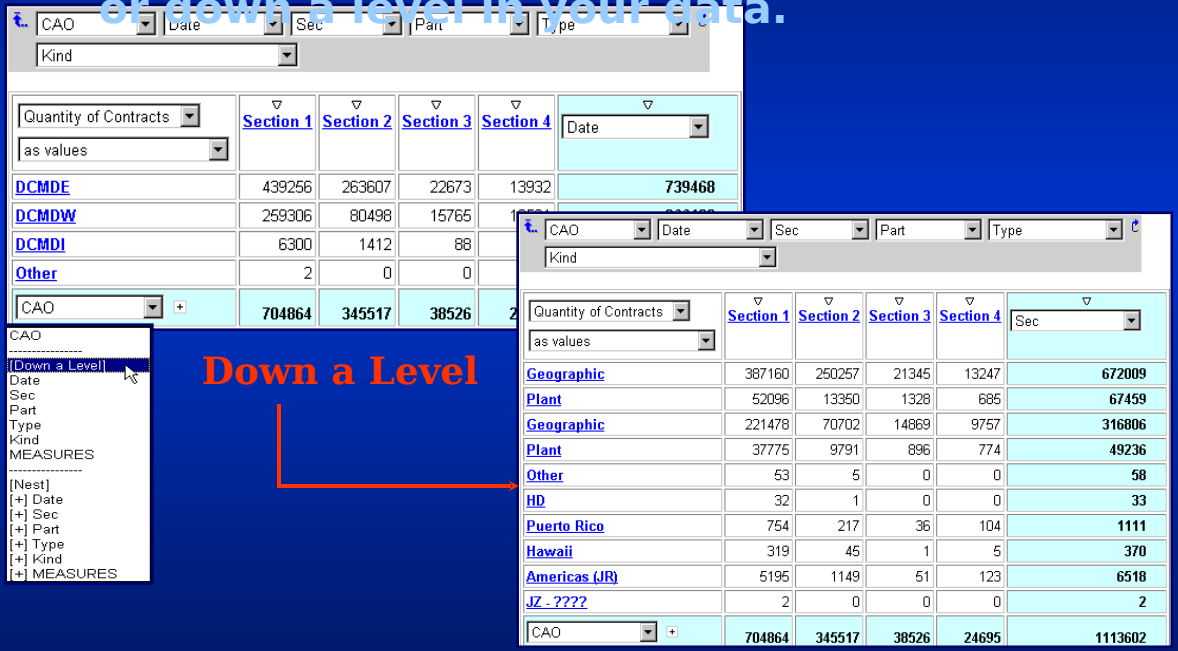


After Drill Down



Down a Level and Up a Level

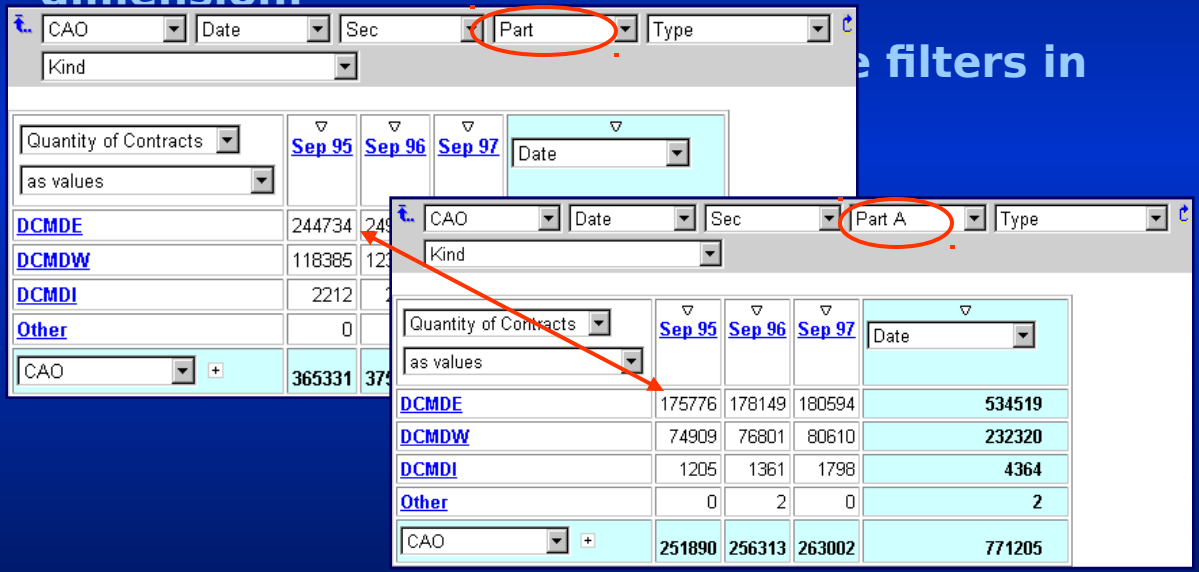
- Use Change Rows and Change Columns to move up or down a level in your data.



Filtering Data Using the Dimension Line

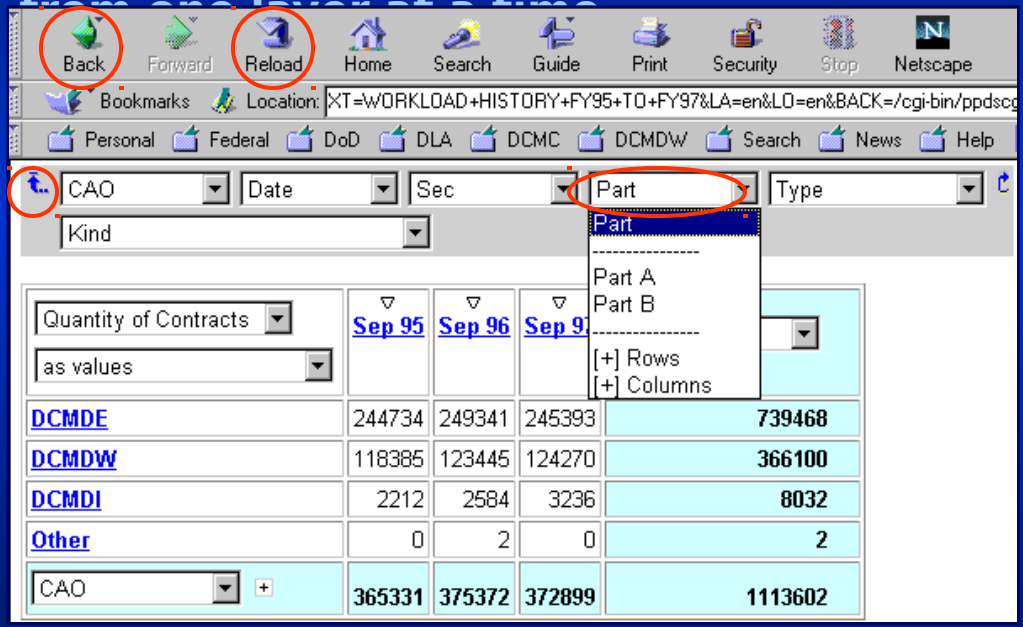
- Filtering creates focused reports that show you the exact level of information selected in each dimension.

e filters in



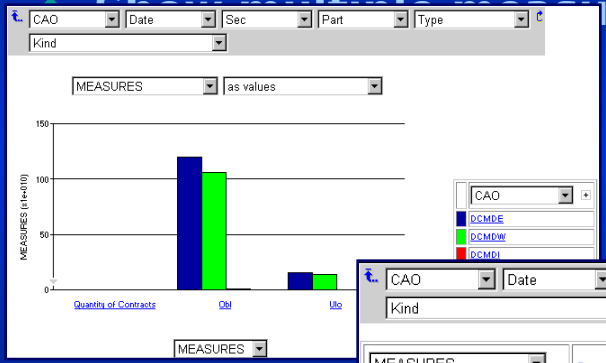
Removing Filters

- You can remove filters all at once, one at a time, or from one layer at a time



Multiple Measures

- Display multiple measures to examine differences between them.
- Show multiple measures in the rows or



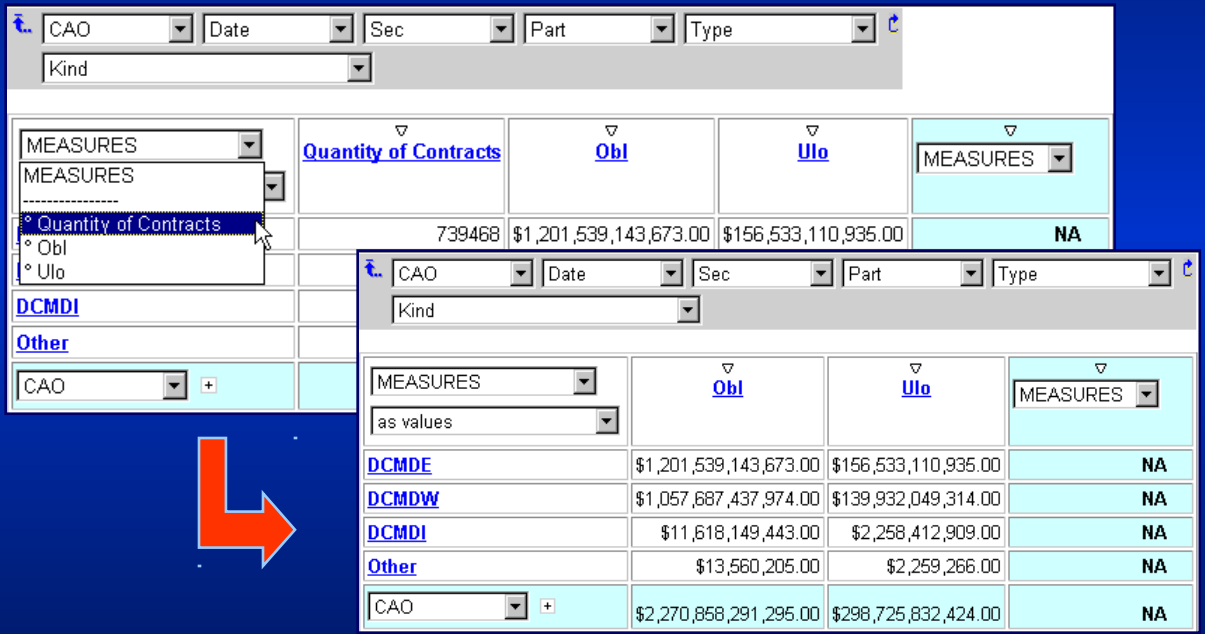
CAO | Date | Sec | Part | Type

Kind

MEASURES / as values	Quantity of Contracts	Obl	Ulo	MEASURES
DCMDE	739468	$1,201,539,143,673.00	$156,533,110,935.00	NA
DCMDW	366100	$1,057,687,437,974.00	$139,932,049,314.00	NA
DCMDI	8032	$11,618,149,443.00	$2,258,412,909.00	NA
Other	2	$13,560,205.00	$2,259,266.00	NA
CAO	**1113602**	$2,270,858,291,295.00	$298,725,832,424.00	NA

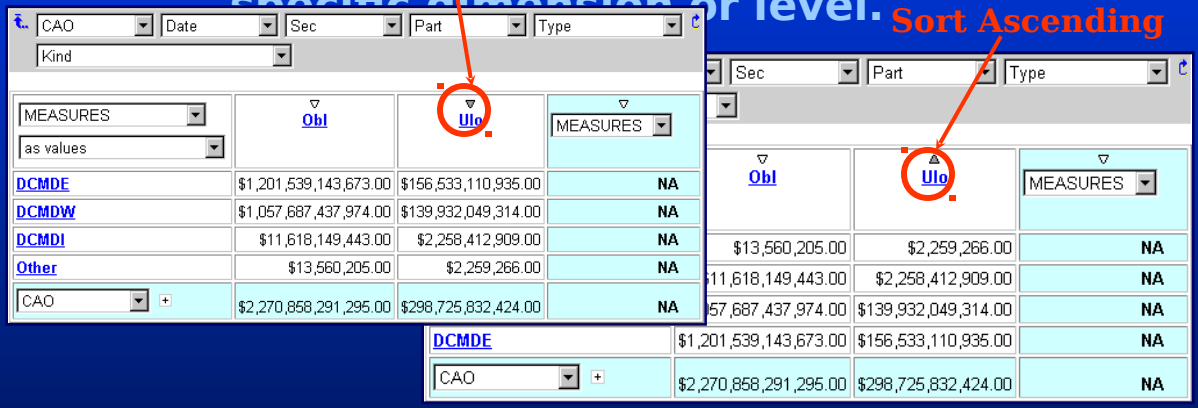
Removing Measures

- Use the Change Measure drop down list to remove



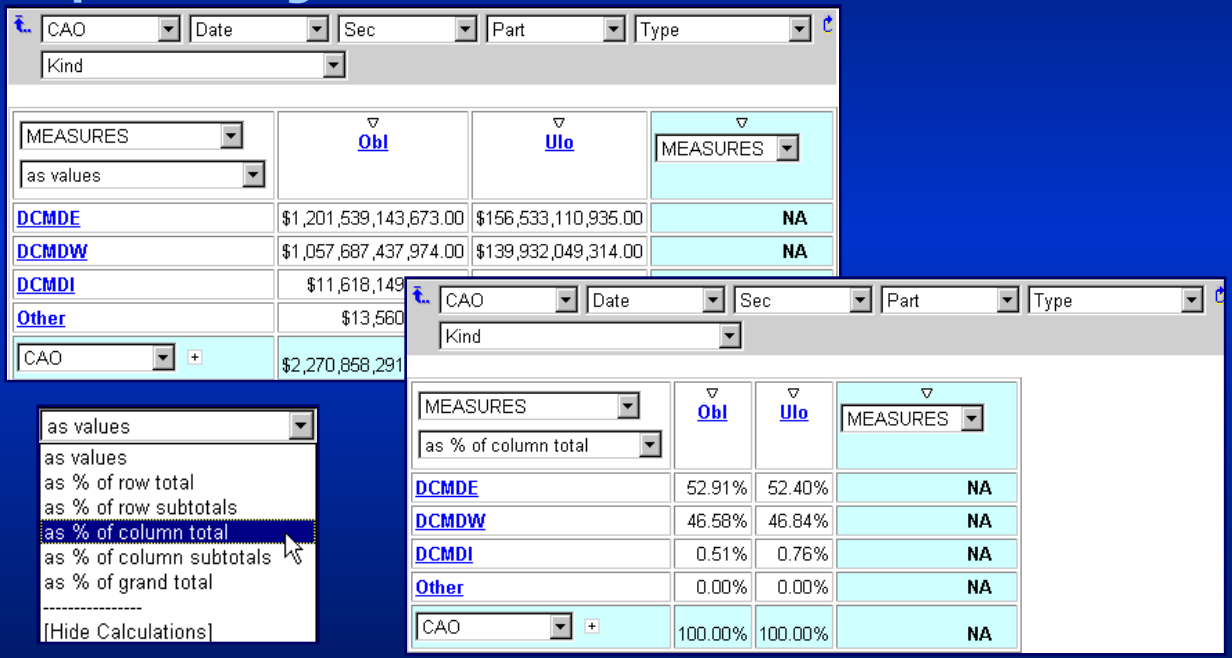
Sorting Data

- Sorting values:
  - Arranges numeric values in ascending or descending order.
  - Can help you determine performance of a specific dimension or level.



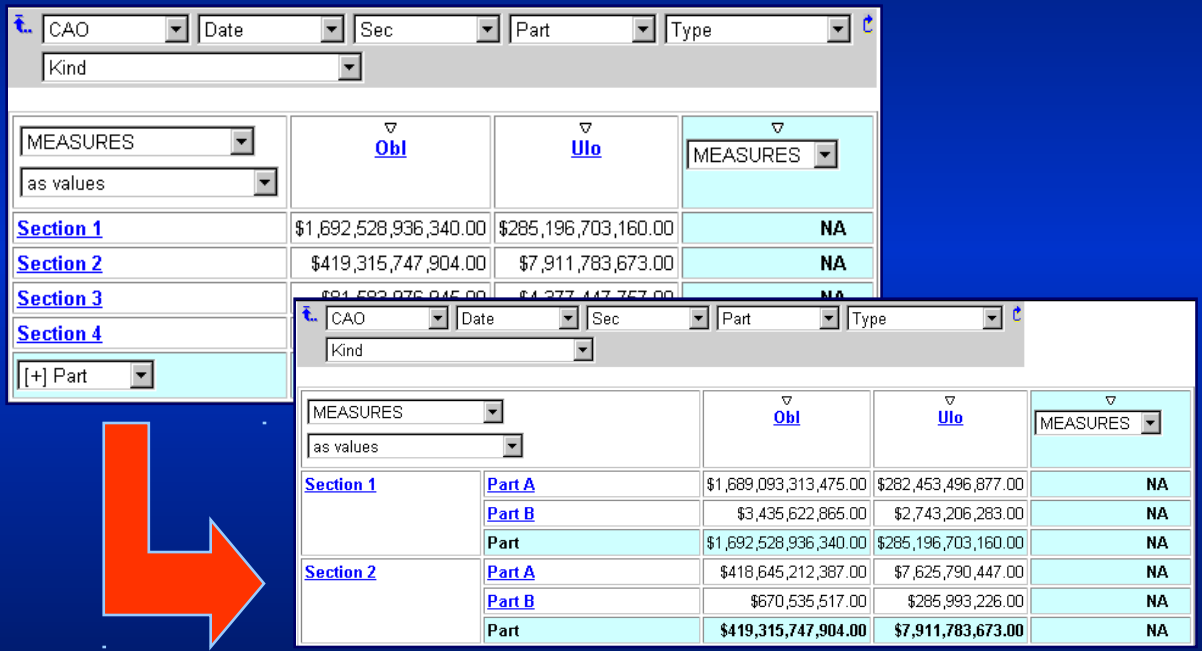
Show Values as Percentages

- Display the values in your report as a percentage



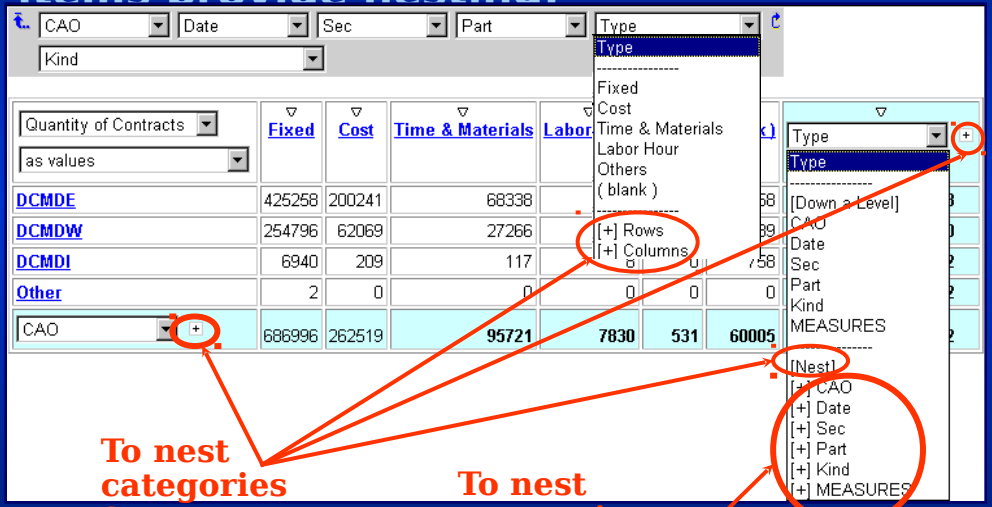
What is Nesting?

- Adds another level within a report.



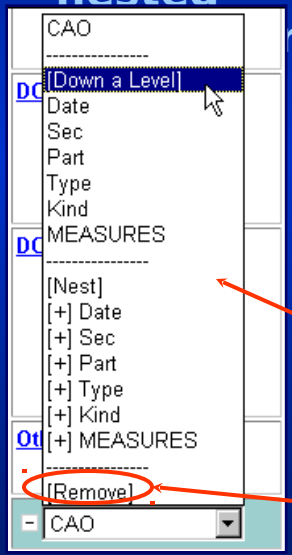
Create a Nested Crosstab

- In a PowerPlay Web crosstab display, the following items provide nesting:



Remove or Replace Nested Categories

- In a PowerPlay Web crosstab display, click the following items to remove or replace nested



CAO	Date	Sec	Part	Type	Kind

Quantity of Contracts / as values		Section 1	Section 2	Section 3	Section 4	Sec
DCMDE	Geographic	387160	250257	21345	13247	672009
	Plant	52096	13350	1328	685	67459
	DCMDE	439256	263607	22673	13932	739468
DCMDW	Geographic	221478	70702	14869	9757	316806
	Plant	37775	9791	896	774	49236
	Other	53	5	0	0	58
	DCMDW	259306	80498	15765	10531	366100
DCMDI	HD	32	1	0	0	33
	Puerto Rico	754	217	36	104	1111
	Hawaii	319	45	1	5	370
	Americas (JR)	5195	1149	51	123	6518
	DCMDI	6300	1412	88	232	8032
Other	JZ - ????	2	0	0	0	2
	Other	2	0	0	0	2
- CAO	- ...	704864	345517	38526	24695	1113602

To remove a nested category

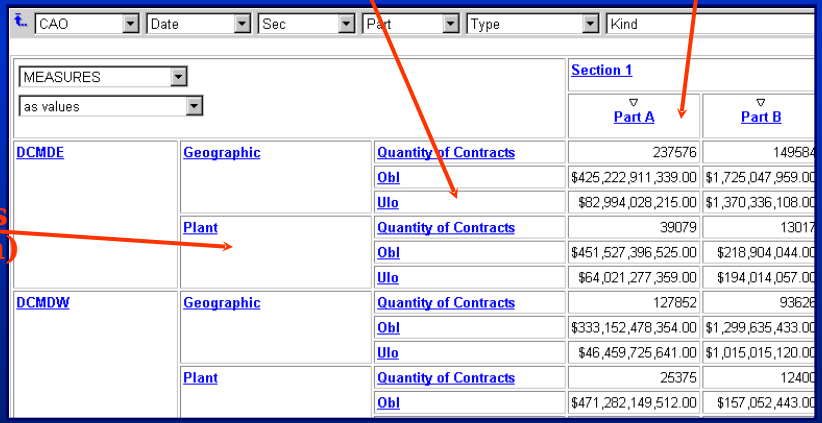
Nested Categories

- Nested categories can be:
  - From the same dimension.
  - From different dimensions.
  - Measures.

Nested Measures

Nested Locations (different dimensions)

Nested Products (same dimension)



CAO	Date	Sec	Part	Type	Kind
MEASURES / as values				Section 1	
				Part A	Part B
DCMDE	Geographic	Quantity of Contracts		237576	149584
		Obl		$425,222,911,339.00	$1,725,047,959.00
		Ulo		$82,994,028,215.00	$1,370,336,108.00
	Plant	Quantity of Contracts		39079	13017
		Obl		$451,527,396,525.00	$218,904,044.00
		Ulo		$64,021,277,359.00	$194,014,057.00
DCMDW	Geographic	Quantity of Contracts		127852	93628
		Obl		$333,152,478,354.00	$1,299,635,433.00
		Ulo		$46,459,725,641.00	$1,015,015,120.00
	Plant	Quantity of Contracts		25375	12400
		Obl		$471,282,149,512.00	$157,052,443.00

Drill Down (Multiple Dimension-Nested Crosstab)

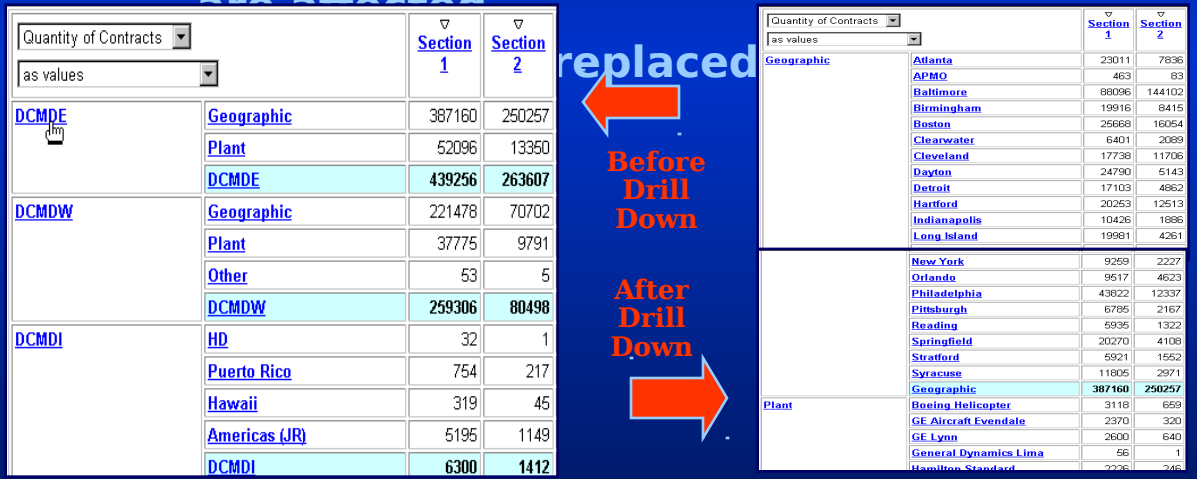
- When multiple dimensions are nested and you drill down:
  - All instances of the same row or column are affected

Quantity of Contracts / as values		Section 1	Section 2
Sep 95	DCMDE	145876	85088
	DCMDW	86678	23162
	DCMDI	1777	343
	Other	0	0
	CAO	234331	108593
Sep 96	DCMDE	148809	89028
	DCMDW	86997	27516
	DCMDI	2069	408
	Other	2	0
	CAO	237877	116952
Sep 97	DCMDE	144571	89491
	DCMDW	85631	29820
	DCMDI	2454	661
	Other	0	0
	CAO	232656	119972
− Date	− CAO +	704864	345517

Quantity of Contracts / as values		Section 1	Section 2
Sep 95	HD	0	0
	Puerto Rico	99	32
	Hawaii	155	11
	Americas (JR)	1523	300
	DCMDI	1777	343
Sep 96	HD	5	0
	Puerto Rico	213	49
	Hawaii	98	21
	Americas (JR)	1753	338
	DCMDI	2069	408
Sep 97	HD	27	1
	Puerto Rico	442	136
	Hawaii	66	13
	Americas (JR)	1919	511
	DCMDI	2454	661
− Date	− DCMDI	6300	1412

Drill Down (Same Dimension-Nested Crosstab)

- When multiple dimensions are nested and you drill down:
  - All other instances of the same row or column are affected

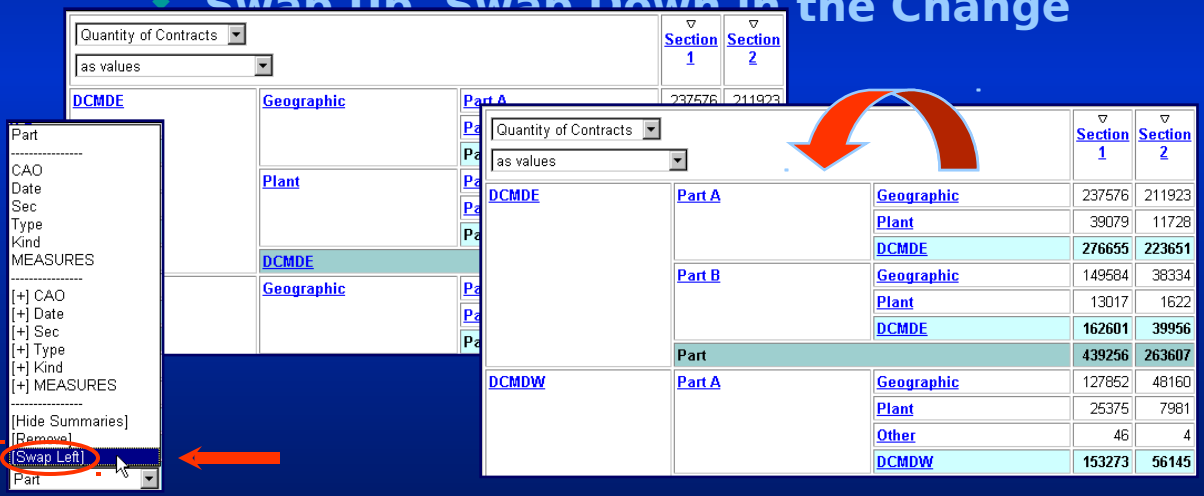


Quantity of Contracts / as values		Section 1	Section 2
DCMDE	Geographic	387160	250257
	Plant	52096	13350
	DCMDE	439256	263607
DCMDW	Geographic	221478	70702
	Plant	37775	9791
	Other	53	5
	DCMDW	259306	80498
DCMDI	HD	32	1
	Puerto Rico	754	217
	Hawaii	319	45
	Americas (JR)	5195	1149
	DCMDI	6300	1412

Quantity of Contracts / as values		Section 1	Section 2
Geographic	Atlanta	23011	7836
	APMO	463	83
	Baltimore	88096	144102
	Birmingham	19916	8415
	Boston	25668	16054
	Clearwater	6401	2089
	Cleveland	17738	11706
	Dayton	24790	5143
	Detroit	17103	4862
	Hartford	20253	12513
	Indianapolis	10426	1886
	Long Island	19981	4261
	New York	9269	2227
	Orlando	9517	4623
	Philadelphia	43822	12337
	Pittsburgh	6785	2167
	Reading	5935	1322
	Springfield	20270	4108
	Stratford	5921	1552
	Syracuse	11805	2971
	Geographic	387160	250257
Plant	Boeing Helicopter	3118	659
	GE Aircraft Evendale	2370	320
	GE Lynn	2600	640
	General Dynamics Lima	56	1
	Hamilton Standard	2226	246

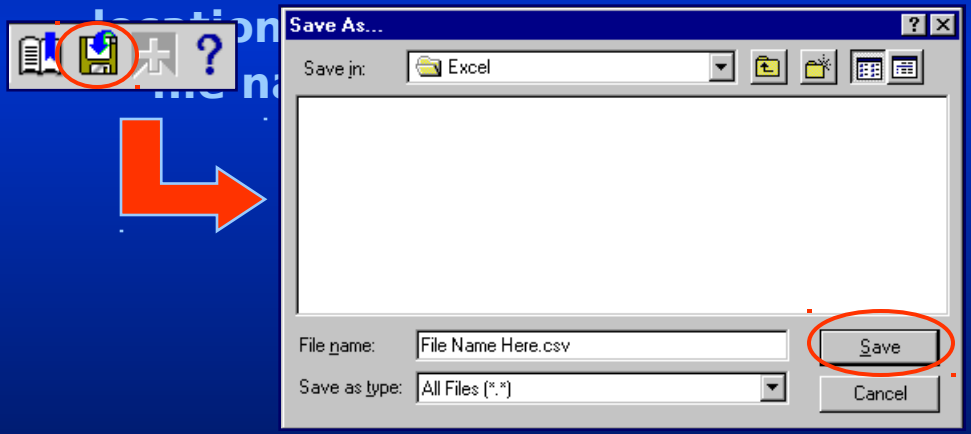
Swap Nested Levels

- To swap nested levels click:
  - Swap Left, Swap Right in the Change Rows drop down list.
  - Swap Up, Swap Down in the Change



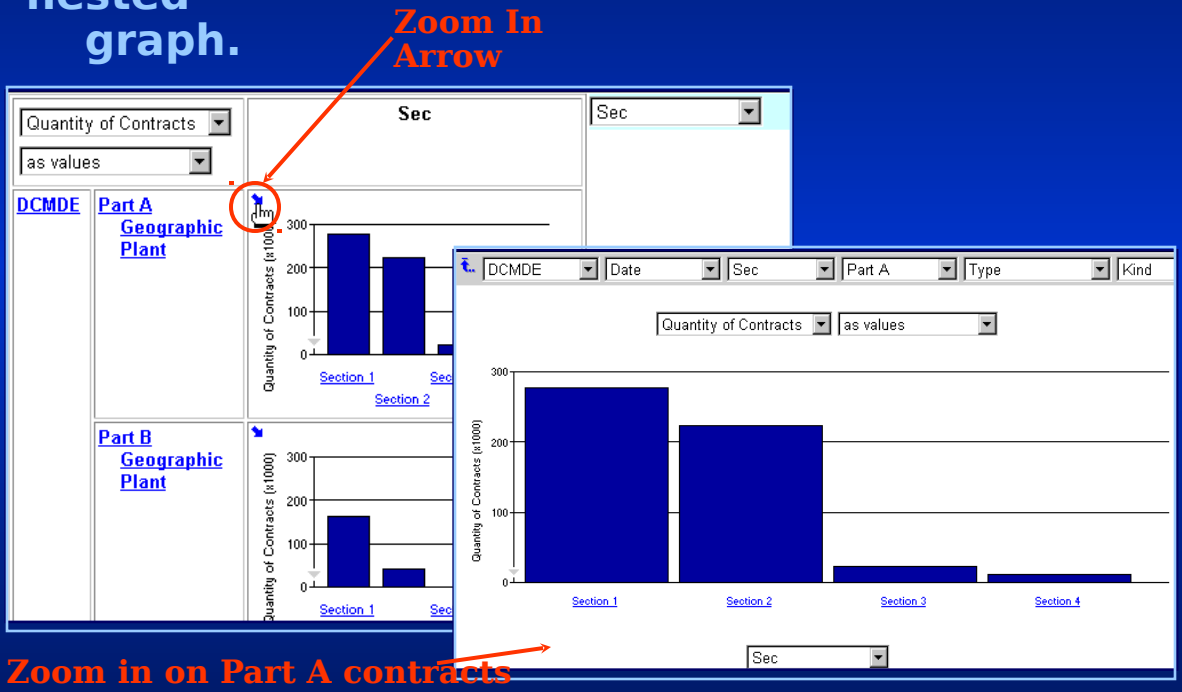
Export Data

- To export data in a report:
  - Click the Save as.CSV button on the PowerPlay Web toolbar.
  - In the Save As dialog box, type the location and file name



Zoom In on a Display

- Zoom in isolates one of the displays in a nested graph.



DCMC Visibility Portfolio

Portfolio Demonstration:

Questions?

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